

**INFORMATION DISCLOSURE TRANSMITTAL**

Docket No. P5445-US-NP-

Applicant: Mark A. Carlson and Rowan E. da Silva
Serial No: 09/927,985
Filed: August 10, 2001
For: METHOD, SYSTEM AND PROGRAM FOR MANAGING MULTIPLE
RESOURCES IN A SYSTEM
Examiner: K. T. Bates
Art Unit: 2155

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 23, 2005.

Jan L. Mellen
Jan L. Mellen

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, Applicant wishes to bring information to the attention of the Examiner. The filing of this statement shall not be construed as a representation that a search has been made or as an admission that this information is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

Enclosures

- ☒ A form PTO-1449 listing this information is attached
☒ Copies of documents cited, other than U.S. patents and published U.S. patent applications, are enclosed.
☐ Copies of the cited documents are not enclosed because

Fees

- ☒ This statement is filed before the later of: (1) three months of (i) the filing of a national application or (ii) the entry date for the national stage of an international application; (2) the mailing date of a first office action on the merits; or (3) the mailing date of a first office action on the merits following the filing of a Request for Continued Examination. No fee is due.
☐ This statement is filed before the mailing date of a final office action, a notice of allowance or an action that otherwise closes prosecution, and
☐ The submission fee of \$180.00 under 37 CFR §1.17(p) is enclosed, or
☐ The following certification is made:
☐ each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign

application not more than three months prior to the filing of this statement,
or

- ☐ no item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

- ☐ This statement is filed on or before payment of the issue fee, the submission fee of \$180.00 under 37 CFR §1.17(p) is enclosed, *and*

- ☐ each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement, or

- ☐ no item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

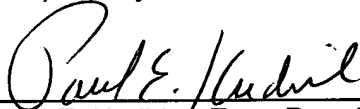
Payment

- ☐ A check in the amount of the submission fee is enclosed.
☐ Charge Account No. 02-3038 in the amount of the submission fee. A duplicate of this transmittal sheet is attached.

Authorization to Charge Additional Fees

- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §1.16 and §1.17 required by the attached paper and during the entire pendency of this application to Account No. 02-3038.

Respectfully submitted,



Date: 11/23/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 1 of 5

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U.S. PATENT DOCUMENTS

Exam Inits	Cite No.	Patent Number	Kind Code	Patentee or Applicant Name	Issue Date
		10/208,958		ALLEN	07/31/02
		20010043617	A1	MCKINNON	11/22/01
		20020083169	A1	AKI, ET AL.	06/27/02
		20020113816	A1	MITCHELL, ET AL.	08/22/02
		20020143905	A1	GOVINDARAJAN, ET AL.	10/2002
		20020143920	A1	DEV, ET AL.	10/03/02
		20020147801	A1	GULLOTTA, ET AL.	10/10/02
		20020152305	A1	JACKSON, ET AL.	10/17/02
		20020188584	A1	GHANNAM	12/12/02
		20030169289	A1	HOLT	09/11/03
		20030184580	A1	KODOSKY, ET AL.	10/02/03
		2,012,527	B1	BATCHELDER	08/27/35
		2,675,228	B1	BAIRD, ET AL.	04/13/54
		3,571,677	B1	OESCHGER	03/23/71
		4,138,692	B1	MEEKER	02/06/79
		4,228,219	B1	DE JAGER	10/14/80
		4,558,395	B1	YAMADA	12/10/85
		4,665,466	B1	GREEN	05/12/87
		4,721,996	B1	TUSTANIWSKYJ	01/26/88
		4,729,424	B1	MIZUNO	03/08/88

FOREIGN PATENT DOCUMENTS

Exam Inits	Cite No.	Cy	Number	Kind Code	Patentee or Applicant Name	Publication Date	T
		WO	WO0029954	A1	MTI TECHNOLOGY CORPORATION	5/25/2000	<input type="checkbox"/>
		WO	WO0072183	A2	CABLETRON SYSTEMS, INC.	11/30/2000	<input type="checkbox"/>
		WO	WO0130007	A2	IBM; MCDATA CORPORATION	4/26/2001	<input type="checkbox"/>
		WO	WO02089418	A1	THE BOEING COMPANY	11/7/2002	<input type="checkbox"/>
		WO	WO03014911	A1	SUN MICROSYSTEMS, INC.	2/20/2003	<input type="checkbox"/>
		EP	EP 0 773 649	A2	SUN MICROSYSTEMS, INC.	5/14/1997	<input type="checkbox"/>
		EP	EP 1 111 840	A2	NORTEL NETWORKS LIMITED	6/27/2001	<input type="checkbox"/>

Examiner
Signature

Date
Considered

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U.S. PATENT DOCUMENTS

Exam Inits	Cite No.	Patent Number	Kind Code	Patentee or Applicant Name	Issue Date
		4,733,331	B1	CHAUVET	03/22/88
		4,791,983	B1	NICOL	12/20/88
		4,809,134	B1	TUSTANIWSKYJ	02/28/89
		4,870,477	B1	NAKANISHI	09/26/89
		4,882,654	B1	NELSON	11/21/89
		4,977,444	B1	NAKAJIMA	12/11/90
		5,144,531	B1	GO	09/01/92
		5,166,863	B1	SHMUNIS	11/24/92
		5,177,667	B1	GRAHAM	01/05/93
		5,183,104	B1	NOVOTNY	02/02/03
		5,282,847	B1	KOIZUMI	02/01/94
		5,305,461	B1	FEINENBAUM, ET AL.	4/1994
		5,323,847	B1	KOIZUMI	06/28/94
		5,406,807	B1	ASHIWAKE	04/18/95
		5,465,192	B1	YOSHIKAWA	11/07/95
		5,535,094	B1	NELSON	07/09/96
		5,588,119	B1	VINCENT	12/24/96
		5,675,473	B1	MCDUNN	10/07/97
		5,701,045	B1	YOKOZAWA	12/23/97
		5,912,802	B1	NELSON	06/15/99

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Exam Inits	Cite No.	Cy	Number	Kind Code	Patentee or Applicant Name	Publication Date	T
		GB	GB 2 278 468	A	INTERNATIONAL COMPUTERS LIMITED	11/30/1994	<input type="checkbox"/>
		WO	WO9842102	A1	CROSSKEYS SYSTEMS CORPORATION	9/24/1998	<input type="checkbox"/>
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		5,940,269	B1	KO	08/17/99
		5,950,011	B1	ALBRECHT	09/07/99
		6,029,742	B1	BURWARD-HOY	02/29/00
		6,031,528	B1	LANGFAHL	02/29/00
		6,050,327	B1	GATES	04/18/00
		6,058,426	B1	GODWIN, ET AL.	5/2000
		6,067,559	B1	ALLARD, ET AL.	5/2000
		6,101,616	B1	JOUBERT	08/08/00
		6,118,776	B1	BERMAN	09/12/00
		6,119,118	B1	KAIN, ET AL.	9/2000
		6,125,924	B1	LIN	10/03/00
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		6,182,142	B1	WIN, ET AL.	01/30/01
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		6,213,194	B1	CHRYSLER	04/10/01
		6,229,538	B1	MCINTYRE	05/08/01
		6,313,990	B1	CHEON	11/06/01

FOREIGN PATENT DOCUMENTS

Exam Inits	Cite No.	Cy	Number	Kind Code	Patentee or Applicant Name	Publication Date	T
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Exam Inits	Cite No.	Patent Number	Kind Code	Patentee or Applicant Name	Issue Date
		6,314,555	B1	NDUMU, ET AL.	11/2001
		6,396,697	B1	CHEN	05/28/02
		6,408,336	B1	SCHNEIDER, ET AL.	06/18/02
		6,425,007	B1	MESSINGER	07/23/02
		6,438,984	B1	NOVOTNY	08/27/02
		6,463,454	B1	LUMELSKY, ET AL.	10/08/02
		6,477,572	B1	ELDERTON	11/05/02
		6,487,643	B1	KHARE, ET AL.	11/2002
		6,496,871	B1	JAGANNATHAN, ET AL.	12/17/02
		6,505,244	B1	NATARAJAN, ET AL.	01/07/03
		6,526,768	B1	WALL	03/04/03
		6,542,360	B1	KOIZUMI	04/01/03
		6,574,708	B1	HAYTER, ET AL.	6/03
		6,587,343	B1	NOVOTNY	07/01/03
		6,604,136	B1	CHANGE, ET AL.	8/2003
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		6,628,304	B2	MITCHELL	09/30/03
		6,636,239	B1	ARQUIE	10/21/03
		6,714,936	B1	NEVIN	03/30/04
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							<input type="checkbox"/>
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							<input type="checkbox"/>
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**INFORMATION DISCLOSURE STATEMENT
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OTHER PRIOR ART – NON PATENT LITERATURE AND DOCUMENTS

Exam Inits	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		ANONYMOUS, "Jiro Technology Technical Overview", URL:http://sunsolve.sun.com/kmsattachments/22961, 2000	<input type="checkbox"/>
		ANONYMOUS, "Sun's Managed Storage Networks", URL:http://sunsolve.sun.com/kmsattachments/22955, 2000	<input type="checkbox"/>
		ANONYMOUS, "Jiro Technical Overview White Paper, Free White Papers/Tech Bulletins, Sun-Solve Search Result", URL:http://sunsolve.sun.com/pub- cgi/retrieve.pl?doc=fwpaper/22961@zone_32=jiro, 6/28/00	<input type="checkbox"/>
		ANONYMOUS, "Managed Storage Networks White Paper, Free White Papers/Tech Bulletins, Sun-Solve Search Result", URL:http://sunsolve.sun.com/pub- cgi/retrieve.pl?doc=fwpaper/22955@zone_32=managed, 6/28/00	<input type="checkbox"/>
		ANONYMOUS, "Pattern: Blackboard", http://www.vico.org/pages/Patrons%20Blackboard, July 12, 2002, Pages 1-2	<input type="checkbox"/>
		BLAKE, "An Agent-Based Cross-Organizational Workflow Architecture in Support of Web Services", Proceedings of 11th IEEE Int'l Workshops on Enabling Tech., 2002 IEEE, Computer Science	<input type="checkbox"/>
		BRENT KNIGHT, "Reducing the Complexity of Managing Private Loops", 2000, 1-11	<input type="checkbox"/>
		BUSHMAN, "Pattern Oriented Software Architecture, A System of Patterns", 1996, Pgs 71-95, John Wiley & Sons, New York	<input type="checkbox"/>
		CAZALENS, ET AL., "A Web Site Indexing Process for an Internet Information Retrieval Agent System", Unknown, 2000 IEEE, 254-258, Nantes Cedex	<input type="checkbox"/>
		DUPUY, ET AL., "NETMATE: A NETWORK MANAGEMENT ENVIRONMENT", IEEE NETWORK, March 5, 1991, 35-40, 43, New York	<input type="checkbox"/>
		MARTIN, JEAN-CHRISTOPHE, "Policy-Based Networks", URL:http://www.sun.com/solutions/blueprints/1099/policy.pdf, Date Unknown	<input type="checkbox"/>
		MUKHOPADHA, ET AL., "Multi-Agent Markov Decision Processes With Limited Agent Communication", Proceedings of the 2001 IEEE, Sept. 5-7, 2001, Pgs. 7- 12, Mexico City	<input type="checkbox"/>

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